

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 14	
2. Amendment/Modification No. P00020		3. Effective Date 2004JUN18		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By TACOM WARREN BLDG 231 AMSTA-AQ-ADBB SAM CAMPANELLA (586)574-5502 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: CAMPANES@TACOM.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) DCMA AUSTRALIA UNIT #11009 APO AP 96551-1000		Code SAS01A	
				SCD B PAS NONE ADP PT HQ0339			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) ADI ENGINEERING & VEHICLES PTY LIMITED FINN STREET BENDIGO VICTORIA, AU AUSTRALIA 3552 TYPE BUSINESS: Foreign Concern/Entity				<input type="checkbox"/>		9A. Amendment Of Solicitation No.	
				<input type="checkbox"/>		9B. Dated (See Item 11)	
				<input checked="" type="checkbox"/>		10A. Modification Of Contract/Order No. DAAE07-02-C-T015	
				<input type="checkbox"/>		10B. Dated (See Item 13) 2002MAR15	
Code Z0655		Facility Code					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required) SEE SECTION G							
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS							
KIND MOD CODE: G It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/> A. This Change Order is Issued Pursuant To: _____ The Changes Set Forth In Item 14 Are Made In _____ The Contract/Order No. In Item 10A.							
<input type="checkbox"/> B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).							
<input checked="" type="checkbox"/> C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: MUTUAL AGREEMENT OF THE PARTIES							
<input type="checkbox"/> D. Other (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE SECOND PAGE FOR DESCRIPTION							
Contract Expiration Date: 2005MAR15							
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print) J. CHECK-SANCHEZ CHECKSAJ@TACOM.ARMY.MIL (810)574-8283			
15B. Contractor/Offeror _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed 2004JUN18	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-T015 MOD/AMD P00020	Page 2 of 14
Name of Offeror or Contractor: ADI ENGINEERING &		

SECTION A - SUPPLEMENTAL INFORMATION

- The purpose of this Modification P00020 is to incorporate the Logistics and Provisioning updates for Change 1 to the IHMEE Department of the Army Technical Manuals.
- The Change 1 Scope Of Work is added at Section C, paragraphs C.22 through C.22.2.8. The Logistics and Provisioning items are added under CLIN 0018. This CLIN is further sub-CLINned for the deliverables as follows:
 - Exhibit Line Item Number (ELIN) B001, Logistics Management Information Data Products (Provisioning Parts List For Change 1), Exhibit P, CDRL LMI01-CHG 1, 9 Jun 04 and Attachments 007 (Provisioning Data), Attachment 009 (RPSTL Requirements), and Attachment 012 (Attachment B, Change 1 Scope of Work Document From O'Neil's Quote #1465C dated April 28, 2004).
 - ELIN B002, Logistics Management Information Data Products (EDFP For Change 1), Exhibit Q, CDRL LMI02-CHG 1, dated 9 Jun 04 and Attachment 007 (Provisioning Data) and Attachment 012 (Attachment B, Change 1 Scope of Work Document From O'Neil's Quote #1465C dated April 28, 2004).
 - ELIN B003, Logistics Management Information Data Products (Screening Results), Exhibit R, CDRL LMI03-CHG 1, dated 9 Jun 04 and Attachment 007 (Provisioning Data) and Attachment 012 (Attachment B, Change 1 Scope of Work Document From O'Neil's Quote #1465C dated April 28, 2004).
 - ELIN B004, Technical Manual With Supplemental Data (Operator's Manual -10 Change 1), Exhibit S, CDRL COTS01-CHG 1, dated 9 Jun 04 and Attachment 008 (Publications Requirements) and Attachment 012 (Attachment B, Change 1 Scope of Work Document From O'Neil's Quote #1465C dated April 28, 2004).
 - ELIN B005, Technical Manual With Supplemental Data (Maintenance Manuals -24 Change 1), Exhibit T, CDRL COTS02-CHG 1, dated 9 Jun 04 and Attachment 008 (Publications Requirements) and Attachment 012 (Attachment B, Change 1 Scope of Work Document From O'Neil's Quote #1465C dated April 28, 2004).
 - ELIN B006, Technical Bulletin (Warranty TB Change 1), Exhibit U, CDRL TB01-CHG 1, dated 9 Jun 04 and Attachment 008 (Publications Requirements), Attachment 010 (Sample Warranty TB), and Attachment 012 (Attachment B, Change 1 Scope of Work Document From O'Neil's Quote #1465C dated April 28, 2004).
 - ELIN B007, Technical Manual (RPSTL -24P Rev 1), Exhibit V, CDRL TM01-REV 1, dated 9 Jun 04 and Attachment 009 (Repair Parts and Special Tools List-RPSTL Requirements, Attachment 012 (Attachment B, Change 1 Scope of Work Document From O'Neil's Quote #1465C dated April 28, 2004) and Requirements Matrix.
- CLIN 0011AF was established in amount of \$110,000.00 to fund Provisioning/Logistics for the Tool Attachment Hydraulic Hose Reel (Change 1 Update To TMs). This CLIN is now revised to indicate funds in amount of \$110,000.00 will be used to pay for the Tool Attachment Hydraulic Hose Reel (Change 1 Update To TMs) and other miscellaneous costs for the Change 1 Update. ADI is to submit DD250 for \$110,000.00 upon delivery to the government of the Final Reproducible Copy of the -24 Maintenance Manual (see CDRL COTS02-CHG 1, Exhibit S).
- In addition, the government is providing IHMEE PVT vehicle for use by ADI/O'Neil to assist in preparation and finalization of Change 1 Update to the Technical Manuals. The vehicle, Serial Number 6E9HMEVE12BZX6038, will be delivered to O'Neil's facility located at 425 North Findlay Street, Dayton, OH 45404. ADI agrees to accept full responsibility for this vehicle while in their/O'Neil's possession and agrees to return the vehicle (FOB O'Neil's facility) in the same condition as received, less fair wear and tear.
- As a result of this Modification P00020, the contract amount is increased by \$482,743.30 from \$14,512,435.83 to \$14,995,179.13.

*** END OF NARRATIVE A 019 ***

Name of Offeror or Contractor: ADI ENGINEERING &

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0011AF	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>IHMEE-UPDATE TO TECHNICAL MANUALS</u></p> <p>NOUN: TOOL ATTACHMENT HOSE REELS PRON: PL36F1042T PRON AMD: 01 ACRN: AF AMS CD: 53507400158</p> <p>Provisioning And Update To IHMEE Technical Manuals for Tool Attachment Hydraulic Hose Reels and Miscellaneous Costs.</p> <p>ADI is to submit a DD250 upon delivery of the - 24 Maintenance Manual Final Reproducible Copy (see CDRL COTS02-CHG 1)</p> <p>This effort is part of Change 1 Update.</p> <p>(End of narrative C001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 1 22-APR-2005</p> <p>\$ 110,000.00</p>	1	EA		\$ 110,000.00

Name of Offeror or Contractor: ADI ENGINEERING &

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																														
0018	<u>CONTRACT DATA REQUIREMENTS</u> SECURITY CLASS: Unclassified																																		
B001	<u>PROVISIONING PARTS LIST - CHANGE 1</u> NOUN: IHMEE-LOGISTICS - CHANGE 1 SECURITY CLASS: Unclassified PRON: PL25E280EH PRON AMD: 01 ACRN: AA AMS CD: 53507400159 Contractor shall develop and deliver Provisioning Parts List per Section C paragraph C.22.1.1 and Section J, Exhibit P, CDRL LMI01-CHG 1. The LMI data shall be made available for review and comment at the provisioning conference. <div>(End of narrative B001)</div> <u>Packaging and Marking</u> <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>Deliveries or Performance</u> <table><tr><td>DOC</td><td colspan="5">SUPPL</td></tr><tr><td><u>REL CD</u></td><td><u>MILSTRIP</u></td><td><u>ADDR</u></td><td><u>SIG CD</u></td><td><u>MARK FOR</u></td><td><u>TP CD</u></td></tr><tr><td>001</td><td></td><td>000000</td><td></td><td></td><td>3</td></tr><tr><td><u>DEL REL CD</u></td><td><u>QUANTITY</u></td><td colspan="4"><u>DEL DATE</u></td></tr><tr><td>001</td><td>1</td><td colspan="4">SEE DD FORM 1423</td></tr></table> FOB POINT: Destination SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00003) SEE NARRATIVE ON DD 1423	DOC	SUPPL					<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>	001		000000			3	<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>				001	1	SEE DD FORM 1423				1	EA	\$ ** NSP **	\$ ** NSP **
DOC	SUPPL																																		
<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>																														
001		000000			3																														
<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>																																	
001	1	SEE DD FORM 1423																																	

Name of Offeror or Contractor: ADI ENGINEERING &

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
B002	<div>ENGR DATA FOR PROVISIONING - CHG 1</div> <div>NOUN: IHMEE-LOGISTICS - CHANGE 1 SECURITY CLASS: Unclassified PRON: P125E280EH PRON AMD: 01 ACRN: AA AMS CD: 53507400159</div> <div>Contractor shall prepare Engineering Data For Provisioning per Section C paragraph C.22.1.3 and Section J, Exhibit Q, CDRL LMI02-CHG 1.</div> <div>The LMI data shall be made available for review and comment at the provisioning conference.</div> <div>(End of narrative B001)</div> <div>Packaging and Marking</div> <div>Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination</div> <div>Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 000000 3 DEL REL CD QUANTITY DEL DATE 001 1 SEE DD FORM 1423</div> <div>FOB POINT: Destination</div> <div>SHIP TO: PARCEL POST ADDRESS (Y00003) SEE NARRATIVE ON DD 1423</div>	1	EA	\$ ** NSP **	\$ ** NSP **

Name of Offeror or Contractor: ADI ENGINEERING &

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
B003	<div>SCREENING RESULTS - CHG 1</div> <div>NOUN: IHMEE LOGISTICS - CHANGE 1 SECURITY CLASS: Unclassified PRON: P125E280EH PRON AMD: 01 ACRN: AA AMS CD: 53507400159</div> <div>Contractor shall conduct Screening per Section C paragraph C.22.1.4 and Section J, Exhibit R, CDRL LMI03-CHG 1.</div> <div>The LMI data shall be made available for review and comment at the provisioning conference.</div> <div>(End of narrative B001)</div> <div>Packaging and Marking</div> <div>Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination</div> <div>Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 000000 3 DEL REL CD QUANTITY DEL DATE 001 1 SEE DD FORM 1423</div> <div>FOB POINT: Destination</div> <div>SHIP TO: PARCEL POST ADDRESS (Y00003) SEE NARRATIVE ON DD 1423</div>	1	EA	\$ 107,947.40000	\$ 107,947.40

Name of Offeror or Contractor: ADI ENGINEERING &

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
B004	<div>OPERATORS MANUAL (-10) CHG 1</div> <div>NOUN: IHMEE LOGISTICS - CHANGE 1 SECURITY CLASS: Unclassified PRON: P125E280EH PRON AMD: 01 ACRN: AA AMS CD: 53507400159</div> <div>Deliver Operator's Manual per Section C paragraph C.22.2.2 and Section J, Exhibit S, CDRL COTS01-CHG 1.</div> <div>(End of narrative B001)</div> <div>Packaging and Marking</div> <div>Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination</div> <div>Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 000000 3 DEL REL CD QUANTITY DEL DATE 001 1 SEE DD FORM 1423</div> <div>FOB POINT: Destination</div> <div>SHIP TO: PARCEL POST ADDRESS (Y00003) SEE NARRATIVE ON DD 1423</div>	1	EA	\$ 121,394.94000	\$ 121,394.94

Name of Offeror or Contractor: ADI ENGINEERING &

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
B005	<div>MAINTENANCE MANUALS (-24) CHG 1</div> <div>NOUN: IHMEE LOGISTICS - CHANGE 1 SECURITY CLASS: Unclassified PRON: P146F2812T PRON AMD: 01 ACRN: AK AMS CD: 53507400164</div> <div>Deliver Maintenance Manual per Section C paragraph C.22.2.2 and Section J, Exhibit T, CDRL COTS02-CHG 1.</div> <div>(End of narrative B001)</div> <div>Packaging and Marking</div> <div>Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination</div> <div>Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 000000 3 DEL REL CD QUANTITY DEL DATE 001 1 SEE DD FORM 1423</div> <div>FOB POINT: Destination</div> <div>SHIP TO: PARCEL POST ADDRESS (Y00003) SEE NARRATIVE ON DD 1423</div>	1	EA	\$ 176,384.97000	\$ 176,384.97

Name of Offeror or Contractor: ADI ENGINEERING &

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
B006	<div>WARRANTY TB - CHG 1</div> <div>NOUN: IHMEE LOGISTICS - CHANGE 1 SECURITY CLASS: Unclassified PRON: P146F2812T PRON AMD: 01 ACRN: AK AMS CD: 53507400164</div> <div>Deliver Warranty Technical Bulletin per Section C paragraph C.22.2.1 and Section J, Exhibit U, CDRL TB01-CHG 1.</div> <div>(End of narrative B001)</div> <div>Packaging and Marking</div> <div>Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination</div> <div>Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 000000 3 DEL REL CD QUANTITY DEL DATE 001 1 SEE DD FORM 1423</div> <div>FOB POINT: Destination</div> <div>SHIP TO: PARCEL POST ADDRESS (Y00003) SEE NARRATIVE ON DD 1423</div>	1	EA	\$ 2,000.00000	\$ 2,000.00

Name of Offeror or Contractor: ADI ENGINEERING &

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
B007	<p>TECHNICAL MANUAL RPSTL (-24P) CHG 1</p> <p>NOUN: IHMEE LOGISTICS - CHANGE 1 SECURITY CLASS: Unclassified PRON: P146F2812T PRON AMD: 01 ACRN: AK AMS CD: 53507400164</p> <p>Deliver RPSTL per Section C paragraph C.22.2.3 and Section J, Exhibit V, CDRL TM01-REV 1.</p> <p>(End of narrative B001)</p> <p>Packaging and Marking</p> <p>Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination</p> <p>Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 000000 3 DEL REL CD QUANTITY DEL DATE 001 1 SEE DD FORM 1423</p> <p>FOB POINT: Destination</p> <p>SHIP TO: PARCEL POST ADDRESS (Y00003) SEE NARRATIVE ON DD 1423</p>	1	EA	\$ 75,015.99000	\$ 75,015.99

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-T015 MOD/AMD P00020	Page 11 of 14
Name of Offeror or Contractor: ADI ENGINEERING &		

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

I-HMEE SECTION C (CONTINUATION)

STATEMENT OF WORK FOR THE FOLLOWING:

CHANGE 1 UPDATE TO TECHNICAL MANUALS

C.22 Change 1 Provisioning and TM Efforts. The contractor shall prepare and deliver the following:

C.22.1 Change 1 Provisioning Efforts.

C.22.1.1 The contractor shall develop and deliver LMI PPL IAW DID DI-ALSS-81529, paragraph C.21.2.1 above, Attachment 7 (Provisioning Data), Attachment 9 (RPSTL Requirements), Attachment 12 (Attachment B, Change 1 Statement of Work Document From O'Neil's Quote #1465C dated April 28, 2004), and Exhibit P (CDRL LMI01-CHG 1). Prime Part Numbers/CAGECs will reflect the Original Equipment Manufacture information, unless that part number is modified by ADI Limited for use in the IHMEE configuration baseline.

C.22.1.2 Provisioning Conferences shall be accomplished IAW paragraph C.21.2.2 above.

C.22.1.3 The contractor shall develop and deliver EDFP IAW DID DI-ALSS-81529, paragraph C.21.2.3 above, Attachment 7 (Provisioning Data), Attachment 12 (Attachment B, Change 1 Statement of Work Document From O'Neil's Quote #1465C dated April 28, 2004), and Exhibit Q (CDRL LMI02-CHG 1). Each PLISN shall be supported with separate aproved drawings. Multiple PLISNs on a drawing will not be accepted as EDFP.

C.22.1.4 The contractor shall develop and deliver Pre-Procurement Screening Results IAW DID DI-ALSS-81529, paragraph C.21.2.4 above, Attachment 7 (Provisioning Data), Attachment 12 (Attachment B, Change 1 Statement of Work Document From O'Neil's Quote #1465C dated April 28, 2004), and Exhibit R (CDRL LMI03-CHG 1). Pre-Procurement Screening shall be conducted through DLIS only.

C.22.2 Change 1/Revision 1 Technical Publication Efforts.

C.22.2.1 The contractor shall develop and deliver a Change 1 package for TB 5-5-2420-230-14 (dated 1 Oct 2003) IAW MIL-PRF-63034B(TM), Attachment 8 (Publication Requirements), Attachment 10 (Sample Warranty TB), Attachment 12 (Attachment B, Change 1 Statement of Work Document From O'Neil's Quote #1465C dated April 28, 2004), and Exhibit U (CDRL TB01-CHG 1).

C.22.2.2 The contractor shall develop and deliver a Change 1 package for each of the following publications: TM 5-2420-230-10, TM 5-2420-230-24-1, and TM 5-2420-230-24-2 (all dated 1 Oct 2003) IAW DID DI-TMSS-80527A, Attachment 8 (Publication Requirements), Attachment 12 (Attachment B, Change 1 Statement of Work Document From O'Neil's Quote #1465C dated April 28, 2004), and Exhibit U (CDRL TB01-CHG 1), Exhibit S (CDRL COTS01-CHG 1), and Exhibit T (COTS02-CHG 1).

C.22.2.3 The shall develop and deliver a revised TM 5-2420-230-24P (current version dated 1 Oct 2003) IAW MIL-STD-40051B, Attachment 8 (Publication Requirements), Attachment 9 (RPSTL Requirements), Attachment 12 (Attachment B, Change 1 Statement of Work Document From O'Neil's Quote #1465C dated April 28, 2004), and Exhibit V (CDRL TM01-REV 1). This TM shall utilize "On-Line RPSTL Text" developed as a result of Provisioning efforts.

C.22.2.4 Each TM Change 1 package will match the depth, style, and format of the above existing IHMEE publications.

C.22.2.5 The contractor shall perform a 100% validation of all newly developed procedures (existing Commercial Off The Shelf procedures need not be validated) to ensure accuracy, compatibility and completeness concurrent with the Government's Verification. The contractor shall ensure that the publications accurately reflect and support the configuration procured under this contract, including any and all changes to the configuration of the component resulting from but not limited to testing, vendor parts supply and production line changes. The contractor shall support their validation with all components, spare/repair parts, special tools, test equipment, and facilities required to validate/verify the publications.

C.22.2.6 Copyright releases for all Change 1 data shall be provided IAW paragraph C.21.3.6 above.

C.22.2.7 The contractor shall use documented Quality Assurance Review Process and Inspections prior to delivery of all Publication Deliverables IAW paragraph C.21.3.8 above.

C.22.2.8 PDF delivery will include both a Change 1 pages only file and a complete TM with Change 1 pages incorporated file both for all publications except TM 5-2420-230-24P.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-T015 MOD/AMD P00020	Page 12 of 14
Name of Offeror or Contractor: ADI ENGINEERING &		

*** END OF NARRATIVE C 003 ***

Name of Offeror or Contractor: ADI ENGINEERING &

SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/ AMS CD/ ITEM MIPR	ACRN	OBLG STAT/ JOB ORD NO		PRIOR AMOUNT	INCREASE/DECREASE AMOUNT		CUMULATIVE AMOUNT
B001	P125E280EH 53507400159 A1205159EHEH	AA	1 2ZWD18	\$	0.00	\$	0.00	\$ 0.00
B002	P125E280EH 53507400159 A1205159EHEH	AA	1 2ZWD18	\$	0.00	\$	0.00	\$ 0.00
B003	P125E280EH 53507400159 A1205159EHEH	AA	1 2ZWD18	\$	0.00	\$	107,947.40	\$ 107,947.40
B004	P125E280EH 53507400159 A1205159EHEH	AA	1 2ZWD18	\$	0.00	\$	121,394.94	\$ 121,394.94
B005	P146F2812T 53507400164 A14P51641C2T	AK	1 4ZCC22	\$	0.00	\$	176,384.97	\$ 176,384.97
B006	P146F2812T 53507400164 A14P51641C2T	AK	1 4ZCC22	\$	0.00	\$	2,000.00	\$ 2,000.00
B007	P146F2812T 53507400164 A14P51641C2T	AK	1 4ZCC22	\$	0.00	\$	75,015.99	\$ 75,015.99
NET CHANGE					\$		482,743.30	

SERVICE NAME	NET CHANGE BY ACRN	ACCOUNTING CLASSIFICATION				ACCOUNTING STATION	INCREASE/DECREASE AMOUNT
Army	AA	21	22035000026D6D10P53507431E1	S20113		W56HZV	\$ 229,342.34
Army	AK	21	42035000041C1C09P53507431E1	S20113		W56HZV	\$ 253,400.96
NET CHANGE							\$ 482,743.30

		PRIOR AMOUNT OF AWARD		INCREASE/DECREASE AMOUNT		CUMULATIVE OBLIG AMT
NET CHANGE FOR AWARD:	\$	14,512,435.83	\$	482,743.30	\$	14,995,179.13

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-02-C-T015 MOD/AMD P00020	Page 14 of 14
Name of Offeror or Contractor: ADI ENGINEERING &		

SECTION J - LIST OF ATTACHMENTS

<u>List of Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number of Pages</u>	<u>Transmitted By</u>
Exhibit P	LMI PROVISIONING DATA CDRL LMI01-CHG 1	09-JUN-2004	001	EMAIL
Exhibit Q	LMI EDFP CDRL LMI02-CHG 1	09-JUN-2004	001	EMAIL
Exhibit R	LMI SCREENING RESULTS CDRL LMI03-CHG 1	09-JUN-2004	001	EMAIL
Exhibit S	TECHNICAL MANUAL -10 CDRL COTS01-CHG 1	09-JUN-2004	001	EMAIL
Exhibit T	TECHNICAL MANUAL -24 CDRL COTS02-CHG 1	09-JUN-2004	001	EMAIL
Exhibit U	TECHNICAL BULLETIN WARRANTY TB CDRL TB01-CHG 1	09-JUN-2004	001	EMAIL
Exhibit V	TECHNICAL MANUAL RPSTL -24P CDRL TM01-REV 1	09-JUN-2004	001	EMAIL
Attachment 012	ATTACHMENT B, CHANGE 1 SCOPE OF WORK DOCUMENT FROM ONEIL'S QUOTE #1465C	28-APR-2004	006	EMAIL

Attachment 012 (Attachment B, Change 1 Scope of Work Document From O'Neil's Quote #1465C dated April 28, 2004).

1. INTRODUCTION

In meetings held at O'Neil on August 4-6, 2003, representatives of O'Neil & Associates, Inc. (O'Neil), ADI Limited (ADI), and the U.S. Army Tank-automotive and Armaments Command (TACOM) agreed upon the original scope of work for Change 1, as outlined in the following two documents:

1.1. IHMEE Change 1 Scope of Work.doc, issued via e-mail by O'Neil & Associates on Tuesday, 08/12/2003 at 7:59 AM. (Not included with this quote).

1.2. TACOM FDEP-2 Comments.doc, issued via e-mail by O'Neil & Associates on Tuesday, 08/12/2003 at 7:59 AM (Not included with this quote).

On 12 November 2003, 25 March 2004, and 21 April 2004, TACOM provided further guidance that revised the scope of work from that outlined in previous documents.

The scope of work covered by this quotation is provided below in paragraph 2. Only the specific edits stipulated within this document are to be included in the Change 1 package. Any modifications or additions to this scope of work will require further funding, along with possible schedule delays, both of which will be negotiated prior to starting any additional work. This scope of work supersedes all previous versions.

2. Scope of Work

The scope of work presented below incorporates the changes that TACOM has requested. The complete scope of work covered by this quotation is limited to the following:

2.1. TACOMs FDEP-2 Comments File: Items labeled as correct at no cost during the review of TACOMs FDEP-2 comment document are agreed to be errors, and will be incorporated by the contractor at NO additional cost to the Government if done concurrently with Change 1. All other items, labeled as Change 1, are agreed to be fully funded by the Government and will be incorporated as follows:

TM 5-2420-230-10 - All Change 1 comments to be incorporated.
TM 5-2420-230-24-1 & -2 - All Change 1 comments to be incorporated.
TM 5-2420-230-24P - All Change 1 comments to be incorporated.

2.2. Passenger Seat Removal:

TM 5-2420-230-10 - All references to the passenger seat and/or carrying a passenger to be removed.
TM 5-2420-230-24-1 & -2 - All references to the passenger seat and/or carrying a passenger are to be removed.
TM 5-2420-230-24P - All parts related to the passenger seat will be removed from the RPSTL, however, the parts will be left in the provisioning database with the figure and item number records deleted.

2.3. Hydraulic Hand Tools:

TM 5-2420-230-10 - The specific list of items provided by TACOM (via Steve Matthews e-mail sent on Tuesday, 09/30/2003 at 8:42 AM) will be added as entries in the Additional Authorized List (AAL) only. This change will only impact the Appendix C, and no other data or instructions will be added.
TM 5-2420-230-24-1 & -2 - No edits required from this change.
TM 5-2420-230-24P - No edits required from this change.

2.4. Hydraulic Hose Reel:

TM 5-2420-230-10 - Operation, basic troubleshooting, and PMCS to be incorporated.
TM 5-2420-230-24-1 & -2 - Procedures for replacement, limited repair (as supported by the RPSTL breakdown), and Unit-level troubleshooting will be incorporated.
TM 5-2420-230-24P - Provisioning and RPSTL additions to support appropriate level of teardown, as agreed upon by ADI and TACOM.

2.5. Cold Weather Kit (including only the Arctic Heater and Ether Start kits):

TM 5-2420-230-10 - Operation, basic troubleshooting, and PMCS to be incorporated.
TM 5-2420-230-24-1 & -2 - Procedures for initial installation, replacement, limited repair (as supported by the RPSTL breakdown), and Unit-level PMCS and troubleshooting will be incorporated.
TM 5-2420-230-24P - Provisioning and RPSTL additions to support appropriate level of teardown, as agreed upon by ADI and ACOM.

2.6. Auxiliary Defroster System:

TM 5-2420-230-10 - Operation, basic troubleshooting, and PMCS to be incorporated.

TM 5-2420-230-24-1 & -2 - Procedures for initial installation, replacement, limited repair (if supported by the RPSTL breakdown), and Unit-level troubleshooting will be incorporated.

TM 5-2420-230-24P - Provisioning and RPSTL additions to support appropriate level of teardown, as agreed upon by ADI and ACOM. This will be incorporated into the existing HVAC figure(s) as appropriate.

2.7. Bolt-Together Wheel and Tire Assembly:

TM 5-2420-230-10 - Incorporate run-flat insert operation and PMCS details as used with the existing directional tires and new bolt-together rims; update all related procedures and appendices per these changes. All references to split-rims or split-rings will be updated or deleted accordingly. The spare tire, carrier, and related components will remain on the vehicle and in the manuals, however the operator will not be authorized to change a flat tire.

TM 5-2420-230-24-1 & -2 - Add wheel and tire replacement and repair procedures (as supported by the RPSTL breakdown). The wheel and tire repair task will not include procedures to replace the run-flat insert. All references to split-rims or split-rings will be updated or deleted accordingly.

TM 5-2420-230-24P - Revise RPSTL and provisioning to incorporate run-flat inserts and bolt-together wheels as used with the existing directional tires. This will necessitate separate left-hand and right-hand wheel and tire assemblies. Additions will be made to support appropriate level of teardown, as agreed upon by ADI and TACOM. All split-rim material will be deleted.

2.8. Additional Provisioning and Miscellaneous Manual Changes: The items listed below involve additional items to be provisioned and/or other edits to the manual set. The following will be incorporated unless otherwise specified:

2.8.1. FEL/Backhoe Stack Valves:

TM 5-2420-230-10 - No edits required from this change.

TM 5-2420-230-24-1 & -2 - Unit-level repair and troubleshooting to be developed and incorporated.

TM 5-2420-230-24P - Additional provisioning to allow for replacement of solenoids, O-rings, seals, and valve blocks to be incorporated into existing RPSTL figures, as agreed upon by ADI and TACOM. Individual valve block sections will not be broken down (estimated line item count: 18 for FEL stack valve, 22 for backhoe stack valve).

2.8.2. Operators Seat:

TM 5-2420-230-10 - Incorporate operation and PMCS of seat anchor belt.

TM 5-2420-230-24-1 & -2 - New hold-down plates and seat anchor belt (only) to be incorporated into the existing seat replacement. Other than the aforementioned items, no repair procedures will be added for the seat.

TM 5-2420-230-24P - A complete breakdown of the seat will not be performed. New hold-down plates and seat anchor of the seat will not be performed. New hold-down plates and seat anchor belt (only) to be incorporated into the existing RPSTL figure (estimated line item count: 20).

2.8.3 Air Compressor:

TM 5-2420-230-10 - No edits required from this change.

TM 5-2420-230-24-1 & 2 - Fan clutch replacement (only) to be developed and incorporated.

TM 5-2420-230-24P - Additional provisioning supporting fan clutch replacement to be incorporated into and existing figure in the RPSTL (component cost: \$494.79; NO vendor maintenance data available; estimated line item count: 5).

2.8.4. Transmission Remote Solenoid Control Valve:

TM 5-2420-230-10 - No edits required from this change.

TM 5-2420-230-24-1 & 24-2 - Basic Unit-level repair and troubleshooting to be developed and incorporated. Also, nomenclature in the Maintenance manual will be updated for consistency on this component.

TM 5-2420-230-24P - Additional provisioning supporting new maintenance material to be incorporated into existing figure in the RPSTL, as agreed upon by ADI and TACOM (component cost: \$1293.00; NO vendor maintenance data available; estimated line item count: 40).

2.8.5. Sensors and Sending Units:

TM 5-2420-230-10 - No edits required from this change.

TM 5-2420-230-24-1 & -2 - A generic sensor and sending unit replacement procedure will be added. Troubleshooting tracks leading to replacing a sensor or sending unit will be updated to refer to this new procedure as appropriate.

TM 5-2420-230-24P - Additional provisioning for sensors and sending units not already covered. Data to be incorporated into existing figures in the RPSTL per list provided by ADI (estimated line item count: 10).

2.8.6. FEL Hydraulic Lift Cylinder:

TM 5-2420-230-10 - No edits required from this change.

TM 5-2420-230-24-1 & -2 - No edits required from this change.

TM 5-2420-230-24P - Additional provisioning and RPSTL update to show the FEL lift cylinder (Figure 154) as an assemble-from (AO-coded)(estimated line item count: 1).

2.8.7. Hydraulic Hose Clamp Assembly:

TM 5-2420-230-10 - No edits required from this change.

TM 5-2420-230-24-1 &-2 - No edits required from this change.

TM 5-2420-230-24P - Additional provisioning to supplement existing maintenance tasks shown in Case vendor manual (contained in Appendix H of the maintenance manual) to be incorporated into an existing figure in the RPSTL (estimated line item count: 8).

2.8.8. PDP Assembly:

TM 5-2420-230-10 - No edits required from this change.

TM 5-2420-230-24-1 &-2 - One new task for replacement/adjustment of alarm modules (only) to be developed and incorporated.

TM 5-2420-230-24P - No edits required from this change.

2.8.9. Hydraulic Stack Valve Identification Labels:

TM 5-2420-230-10 - Decals to be called out in Stowage/Sign Guide. Valve identification to be confirmed/corrected throughout the manual.

TM 5-2420-230-24-1 &-2 - Stack valve procedures to be updated if required.

TM 5-2420-230-24P - Labels to be provisioned and added to appropriate RPSTL figure per drawings and information to be supplied by TACOM (estimated line item count: 11).

2.8.10. Military Load Classification (MLC) Placard:

TM 5-2420-230-10 - Placard to be called out in Stowage/Sign Guide.

TM 5-2420-230-24-1 &-2 - Fender replacement procedure (only) to be updated accordingly.

TM 5-2420-230-24P - Sign kit to be provisioned and added to existing RPSTL figure, per part information and installation details to be provided by TACOM (estimated line item count: 10).

2.8.11. EGS EPROM Update:

TM 5-2420-230-10 - All mentions of fourth gear to be updated. All mentions of maximum on-road speed to be updated to 42 mph.

TM 5-2420-230-24-1 &-2 - All mentions of fourth gear to be updated. All mentions of maximum on-road speed to be updated to 42 mph. No new maintenance procedures are required from this change.

TM 5-2420-230-24P - Additional provisioning for new EPROM and new EGS assembly to be incorporated into existing figure in the RPSTL, as agreed upon by ADI and TACOM (estimated line item count: 2).

2.8.12. Inclinator:

TM 5-2420-230-10 - Update information presently shown to reflect correct installation details as provided by TACOM.

TM 5-2420-230-24-1 &-2 - Update information presently shown to reflect correct installation details as provided by TACOM.

TM 5-2420-230-24P - Update appropriate RPSTL figure to reflect correct data to be provided by TACOM (estimated line item count: 5).

2.8.13. Axle Special Tools:

TM 5-2420-230-10 - No edits required from this change.

TM 5-2420-230-24-1 &-2 - All axle special tools to be deleted from MAC (Appendix B), except for tool number E399, which will be replaced with an ADI tool. Initial Setup references to deleted tools will be revised accordingly.

TM 5-2420-230-24P - All axle tools to be deleted from special tools figure(s), except for tool number E399, which will be replaced with a new ADI tool. The special tools will be removed from the RPSTL, however, the parts will be left in the provisioning database with the figure and item number records deleted (estimated line item count: 19).

2.8.14. Maintenance Analysis Chart (MAC):

TM 5-2420-230-10 - No edits required from this change.

TM 5-2420-230-24-1 &-2 - Update the MAC (Appendix B) to two levels of maintenance per file provided by TACOM.

TM 5-2420-230-24P - No edits required from this change. Per Gary Wises e-mail sent on Friday, 11/21/2003 at 9:11 AM, no provisioning actions are required from ADI or O'Neil relating to the two-level MAC update.

2.8.15. Warranty TB Address Update: Update TACOM address on page 4 to the following (changes shown in bold):

Commander
US Army Tank-automotive and Armaments Command
ATTN: SFAE-CSS-FP
Warren, MI 48397-5000
Telephone: (DSN) 786-7068
Commercial: (586) 574-7068

2.8.16. Alphabetical Index Update for the Maintenance Manual: The Maintenance manuals Alphabetical Index will be updated to refer to page numbers, and the following entries will be added as directed by TACOM.

Subject	Current Para #
Air Chamber Replacement, Front Axle	J-9
Air Chamber Replacement, Rear Axle	J-15
Axle Assembly Replacement, Front	I4-6
Axle Assembly Replacement, Rear	I4-7
Belt Tensioner Replacement, Engine	L-9
Brake Assembly Repair, Front Axle	J-4
Brake Shoe Replacement, Front	J-5
Brake Shoe Replacement, Rear	J-12
Breather Replacement, Axle Housing	I4-8
Breather Replacement, Front Axle Hub	I4-9
Breather Replacement, Fuel Tank	7-6
Bushing Replacement, General	I7-6
Caging, Spring Brake Chamber	8-8
Camshaft Gear Replacement, Engine	L-42
Crankshaft Gear Replacement, Engine	L-41
Crankshaft Pulley/Vibration Damper Replacement, Engine	L-8
Cylinder Maintenance, 4-In-1 Bucket	10-25
Cylinder Maintenance, Boom	10-18
Cylinder Maintenance, Bucket	10-17
Cylinder Maintenance, Dipper	10-19
Cylinder Maintenance, Tilt	10-23
Cylinder Replacement, FEL Lift	10-22
Cylinder Replacement, Stabilizer	10-21
Cylinder Replacement, Swing	10-20
Differential Assembly Repair, Front	J-8
Differential Assembly Repair, Rear	J-14
Dipstick Replacement, Engine	L-15
Drive Head Replacement, Front Axle	J-7
Drive Head Replacement, Rear Axle	J-13
Fan Hub Maintenance, Engine	L-46
Fan Hub Replacement, Engine	L-10
Fan Pulley Replacement, Engine	L-7
Fender and Mudflap Replacement, Rear	13-17
Fender Replacement, Front	13-16
Front Cover Replacement, Engine	L-22
Fuel Lines Replacement, Engine	L-14
Gear Housing Replacement, Engine	L-37
Hub Reduction Unit Repair, Front Axle	J-3
Hub Reduction Unit Repair, Rear Axle	J-10
Hydraulic Hose Replacement, General	10-14
Lubrication Instructions, General	3-8
Mechanical Tachometer Drive Cover Replacement, Engine	L-48
Mudflap Replacement	13-17
Potentiometer Replacement, FEL Arm Lift	12-36
Potentiometer Replacement, Tilt-Position	12-35
Push Rods Replacement, Engine	L-20
Rear Brake Assembly Repair, Rear Axle	J-11
Rear Lifting Bracket Replacement, Engine	L-6
Rear Seal Housing Replacement, Engine	L-33
Rocker Lever Replacement, Engine	L-44
Rocker Levers Replacement, Engine	L-19
Sampling Valve Assembly Replacement, Engine Oil	4-12
Sampling Valve Assembly Replacement, Transmission Oil	4-13
Sampling Valve Replacement, Hydraulic Oil	10-27
Seat Belt Replacement, Operators	13-11
Sheet Metal Repair, General	13-20
Sight Glass Replacement, Hydraulic Reservoir	10-12
Steering Head and Axle Stub, Front Axle	J-6
Storage or Shipment, General Preparation for	3-9

Tappet Cover Replacement, Engine	L-28
Thermostat Replacement, Engine	L-11
Tire and Wheel Repair	13-34
Transmission Repair, HR32000	F-3
Turbocharger Mounting Stud Replacement, Engine	L-47
U-Joint Maintenance, Drive Shaft	14-5
U-Joint Maintenance, Steering Shaft	5-14
Valve Tappets Replacement, Engine	L-35
Vibration Damper/Crankshaft Pulley Replacement, Engine	L-8
Water Inlet Connection Replacement, Engine	L-30
Wire Harness Repair, General	12-28
Wiring Harness Replacement, Dash Panel	12-39
Wiring Harness Replacement, General	12-27

- 2.8.17. ADI Service Topic ST-28-02 (Tow Hitch Components):
TM 5-2420-230-10 - No edits required from this change.
TM 5-2420-230-24-1 & -2 - Update tow hitch replacement task.
TM 5-2420-230-24P - Update existing RPSTL figure (estimated line item count: 2).
- 2.8.18. ADI Service Topic ST-29-03 (Headlight Wiring Harness):
TM 5-2420-230-10 - Update headlight position task.
TM 5-2420-230-24-1 & -2 - No edits required from this change.
TM 5-2420-230-24P - Update existing RPSTL figure (estimated line item count: 1).
- 2.8.19. ADI Service Topic ST-30-03 (Constant Tension Hose Clamps):
TM 5-2420-230-10 - No edits required from this change.
TM 5-2420-230-24-1 & -2 - Torque value to be added.
TM 5-2420-230-24P - Update to correct part number (estimated line item count: 1).
- 2.8.20. ADI Service Topic ST-33-03 (Wiper Blades):
TM 5-2420-230-10 - No edits required from this change.
TM 5-2420-230-24-1 & -2 - No edits required from this change.
TM 5-2420-230-24P - Update to correct part numbers (estimated line item count: 2).
- 2.8.21. ADI Service Topic ST-36-03 (Rear Fender Flat Washers):
TM 5-2420-230-10 - No edits required from this change.
TM 5-2420-230-24-1 & -2 - No edits required from this change.
TM 5-2420-230-24P - Update to add part number (estimated line item count: 1).
- 2.8.22. ADI Service Topic ST-37-03 (Brake Chamber Cone Locknut):
TM 5-2420-230-10 - No edits required from this change.
TM 5-2420-230-24-1 & -2 - No edits required from this change.
TM 5-2420-230-24P - Update art (only) to remove washer from Front Brake Chamber RPSTL figure (estimated line item count: 0).
- 2.8.23. ADI Service Topic ST-38-03 (Sway Bar Keeper Plate Fasteners):
TM 5-2420-230-10 - No edits required from this change.
TM 5-2420-230-24-1 & -2 - Update Sway Bar Replacement task.
TM 5-2420-230-24P - Update to add washer (estimated line item count: 6).
- 2.8.24. ADI Service Topic ST-39-03 (Transmission Charge Pump Fastening):
TM 5-2420-230-10 - No edits required from this change.
TM 5-2420-230-24-1 & -2 - Update Charge Pump Replacement task.
TM 5-2420-230-24P - Update to delete washer (estimated line item count: 8).
- 2.8.25. ADI Service Topic ST-42-03 (Radiator Constant Tension Hose Clamps):
TM 5-2420-230-10 - No edits required from this change.
TM 5-2420-230-24-1 & -2 - Torque value to be added.
TM 5-2420-230-24P - Update to correct part numbers (estimated line item count: 3).
- 2.8.26. Air Filters Servicing Update:
TM 5-2420-230-10 - Delete all references and material regarding checking/servicing air filters.
TM 5-2420-230-24-1 & -2 - Incorporate new procedures for servicing both Engine and Cabin Air Filters.
TM 5-2420-230-24P - No edits required from this change.

